LMA District Cover Sheet

Spring 2008 Levee Inspection Results

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)								
* Overall LMA Rating (Fall Only)												
** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.												
* SPRING INSPECTIONS: Overall maintenance deficiencies are rated		nined for the spring ins ria in the spring and in		ual maintenance								
<u>FALL INSPECTIONS:</u> The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports.												
Comments												

Unit Cover Sheet

Spring 2008 Levee Inspection Results

Brannan Andrus Levee Maintenance District

	Waterwa	ıy		Bank	Unit Miles							
	Unit No. 01 Georgi	ana Slough		Right	6.00							
	Spring (March - May)	Summer (June - August)	Fall (September - November)		Vinter er - February)							
Date of Inspection	3/19/2008											
DWR Inspector	Richard Willoughby											
Accompanied By												
Unit Maintenance Rating (Fall Only)												
Check one:												
During the current winter (or sproject components identified conditions other than the resudeficiencies identified in the end deficiencies identified maintenance and the correction following changes in flood production (In the comment section below coordinates, location (Land Signature)	in the attached Levee Ir Ilts of our normal mainte inclosed report. ummer) inspection period in the attached Levee Ir ons we have made to ma ject conditions. wor on additional sheet(nance and the correction od, my staff or I have inspection Report by Mile aintenance deficiencies in the correction of t	We have found no chan is we have made to main bected the levee and assorting addition to the results dentified in the report, we indition by: Start to End Leading	ges in flootenance ociated floof our not have four	od project od rmal nd the							
Comments												
One of the boxes above is to be chinformation must also be submitted DWR with any additional sheets by your records. Please mail all of this	d. This Unit Cover Sheet y September 30 (Summe s information to : DW 331	should be signed and da	ated by the LMA Represe 1 (Winter Inspection). Ple ction Reports om LL-30	ntative an	d returned to							

X

Levee Inspection Report By Mile - Spring 2008

Brannan Andrus Levee Maintenance District

Waterway	Bank	Unit Miles	Inspection Date	Inspector
Unit No. 01 Georgiana Slough	Right	6.00	03/19/2008	Richard Willoughby

LMR Line	Levee	Mile End	Category	Item	Location *	Rating	Action/Comment	GPS Latitude/Longitude Start End	Issue Photo
ne 1	0.00		Earthen Levee	Vegetation	LS	M	Control annual grass and weeds on the levee slopes and easements.	38.186455 ° 38.129528 ° -121.562575 ° -121.578458 °	1
2	0.00	6.02	Earthen Levee	Vegetation	WS	М	Control annual grass and weeds on the levee slopes and easements.	38.186458 ° 38.129527 ° -121.562575 ° -121.578457 °	2
3	0.27	0.75	Earthen Levee	Vegetation	LS	U	Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: wild grapevines at toe of levee	38.184577 ° 38.182212 ° -121.567063 ° -121.574998 °	24
4	0.84	0.88	Earthen Levee	Encroachments	ws	М	Prunings	38.182052 ° 38.181857 ° -121.576620 ° -121.577387 °	23
5	1.56	1.56	Earthen Levee	Trim / Thin Trees	LS	М	Trim trees to at least five feet above ground level.	38.172963 ° 38.172963 ° -121.580653 °	22
6	2.10	2.22	Earthen Levee	Vegetation	LS	U	Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: wild roses at toe of levee.	38.165597 ° 38.163853 ° -121.583635 ° -121.584238 °	21
7	2.30	2.33	Earthen Levee	Encroachments	LS	РО	Landscaping	38.162840 ° 38.162470 ° -121.584780 ° -121.584987 °	20
8	2.34	2.34	Earthen Levee	Trim / Thin Trees	LS	М	Trim trees to at least five feet above ground level.	38.162275 ° 38.162275 ° -121.585100 ° -121.585100 °	19
9	2.37	2.39	Earthen Levee	Trim / Thin Trees	WS	U	Trim and thin trees to allow visibility of the ground and room to flood fight.	38.161893 ° 38.161667 ° -121.585322 ° -121.585422 °	18
10	2.43	2.43	Earthen Levee	Trim / Thin Trees	WS	М	Trim trees to at least five feet above ground level.	38.161143 ° 38.161143 ° -121.585658 °	17
11	2.44	2.55	Earthen Levee	Vegetation	LS	М	Remove the wild growth other than native grasses from the levee slopes.	38.161002 ° 38.159435 ° -121.585732 ° -121.586422 °	16
12	3.42	3.43	Earthen Levee	Trim / Thin Trees	WS	М	Trim and thin trees to allow visibility of the ground and room to flood fight.	38.151433 ° 38.151503 ° -121.592842 ° -121.593067 °	15
13	3.54	3.54	Earthen Levee	Encroachments	WS	М	Tree or limb	38.151903 ° 38.151903 ° -121.594938 ° -121.594938 °	14
14	3.65	3.67	Earthen Levee	Trim / Thin Trees	WS	М	Trim and thin trees to allow visibility of the ground and room to flood fight.	38.151593 ° 38.151450 ° -121.597003 ° -121.597293 °	13
15	3.93	3.94	Earthen Levee	Vegetation	WS	U	Remove the wild growth other than native grasses from the levee slopes.	38.148410 ° 38.148237 ° -121.599990 ° -121.600108 °	12
16	3.97	3.97	Earthen Levee	Encroachments	LS	РО	Landscaping	38.147898 ° 38.147898 ° -121.600347 °	11
17	4.07	4.09	Earthen Levee	Vegetation	LS	U	Remove the wild growth other than native grasses from the levee slopes.	38.146665 ° 38.146382 ° -121.601290 ° -121.601487 °	10
18	4.11	4.13	Earthen Levee	Vegetation	WS	М	Remove the wild growth other than native grasses from the levee slopes.	38.146147 ° 38.145850 ° -121.601583 ° -121.601658 °	9
19	4.27	4.27	Earthen Levee	Trim / Thin Trees	LS	М	Trim trees to at least five feet above ground level.	38.143972 ° 38.143972 ° -121.601103 °	8

* Location LS : Land Side WS : Water Side CR : Crown ** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected

Levee Inspection Report By Mile - Spring 2008

Brannan Andrus Levee Maintenance District

Waterway	Bank	Unit Miles	Inspection Date	Inspector
Unit No. 01 Georgiana Slough	Right	6.00	03/19/2008	Richard Willoughby

LMR	E Levee Mile		0-1	H	Location *	Rating	Anting (Ourselland	GPS Latitude	e/Longitude	lss Ph
Line	Start	End	Category	Item	ation	ing *	Action/Comment	Start	End	ue oto
20	4.28	4.29	Earthen Levee	Trim / Thin Trees	WS	М	Trim and thin trees to allow visibility of the ground and room to flood fight.	38.143777 ° -121.600987 ° -	38.143618 ° 121.600863 °	7
21	4.78	4.78	Earthen Levee	Encroachments	LS	PO	Firewood Inspector Comments: Firewood, lumber and garbage should be removed	38.137505 ° -121.596560 ° -	38.137505 ° 121.596560 °	Y 6
22	5.17	5.17	Earthen Levee	Trim / Thin Trees	WS	М	Trim trees to at least five feet above ground level.	38.133187 ° -121.591952 ° -	38.133187 ° 121.591952 °	5
23	5.27	5.27	Earthen Levee	Encroachments	WS	М	Prunings	38.132072 ° -121.590738 ° -	38.132072 ° 121.590738 °	4
24	5.84	5.84	Earthen Levee	Trim / Thin Trees	LS	U	Trim trees to at least five feet above ground level.	38.129615 ° -121.581692 ° -	38.129615 ° 121.581692 °	3

A : Acceptable M : Minimally Acceptable U : Unacceptable PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected

Levee Inspection Report By Mile - Spring 2008

Waterway	Bank	Unit Miles	Inspection Date	Inspector
Unit No. 01 Georgiana Slough	Right	6.00	03/19/2008	Richard Willoughby

Levee Mile Report Line	21
Start Levee Mile	4.78
End Levee Mile	4.78
Location	
Category	Earthen Levee
Item	Encroachments
Firewood, lumber and ga should at LM 4.78	rbage at landward



Unit Cover Sheet

Spring 2008 Levee Inspection Results

	Waterwa	ау		Bank	Unit Miles								
	Left	13.30											
	Spring (March - May)	Summer (June - August)	Fall (September - November)		Vinter er - February)								
Date of Inspection	3/13/2008												
DWR Inspector	Richard Willoughby												
Accompanied By													
Unit Maintenance Rating (Fall Only)													
Check one:													
 During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report. During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions. (In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition). 													
Comments													
Comments One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to: DWR Summer/Winter Inspection Reports 3310 El Camino Avenue, Room LL-30 Sacramento, CA 95821-9000.													
Caciamento, CA 3002 1-3000.													



Levee Inspection Report By Mile - Spring 2008

Brannan Andrus Levee Maintenance District

Waterway	Bank	Unit Miles	Inspection Date	Inspector
Unit No. 02 Sacramento River	Left	13.30	03/13/2008	Richard Willoughby

LMR Line	Levee	Mile End	Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude Start End
1	0.00	0.11	Earthen Levee	Trim / Thin Trees	WS		Trim and thin trees to allow visibility of the ground and room to flood fight.	38.191892 ° 38.191262 ° 3 -121.567688 ° -121.569528 °
2	0.00	10.30	Earthen Levee	Vegetation	WS	М	Control annual grass and weeds on the levee slopes and easements.	38.191888 ° 38.123067 ° 1 -121.567688 ° -121.690645 °
3	0.00	10.30	Earthen Levee	Vegetation	LS	M	Control annual grass and weeds on the levee slopes and easements.	38.191890 ° 38.123075 ° 2 -121.567688 ° -121.690643 °
4	0.18	0.41	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.190733 ° 38.189323 ° 4 -121.570670 ° -121.574413 °
5	0.34	0.36	Earthen Levee	Trim / Thin Trees	WS	M	Trim trees to at least five feet above ground level.	38.189773 ° 38.189660 ° 5 -121.573268 ° -121.573572 °
6	0.45	0.49	Earthen Levee	Trim / Thin Trees	WS	U	Trim and thin trees to allow visibility of the ground and room to flood fight.	38.189085 ° 38.188840 ° 6 -121.575117 ° -121.575770 °
7	0.70	0.84	Earthen Levee	Trim / Thin Trees	WS	U	Trim and thin trees to allow visibility of the ground and room to flood fight.	38.187305 ° 38.186110 ° 7 -121.579117 ° -121.581243 °
8	0.81	0.83	Earthen Levee	Encroachments	LS	РО	Landscaping	38.186455 ° 38.186215 ° Y 8 -121.580712 ° -121.581060 °
9	0.99	1.14	Earthen Levee	Trim / Thin Trees	WS	M	Trim trees to at least five feet above ground level.	38.184500 ° 38.182853 ° 9 -121.583043 ° -121.584627 °
10	1.45	1.47	Earthen Levee	Trim / Thin Trees	LS	U	Trim and thin trees to allow visibility of the ground and room to flood fight.	38.178973 ° 38.178720 ° 10 -121.587640 ° -121.587818 °
11	1.56	1.56	Earthen Levee	Vegetation	WS	U	Remove the wild growth other than native grasses from the levee slopes.	38.177582 ° 38.177582 ° 11 -121.588728 ° -121.588728 °
12	1.91	1.95	Earthen Levee	Encroachments	LS	СО	Landscaping	38.173120 ° 38.172598 ° Y 12 -121.591505 ° -121.591853 °
13	2.14	2.22	Earthen Levee	Trim / Thin Trees	LS	М	Trim and thin trees to allow visibility of the ground and room to flood fight.	38.170115 ° 38.169200 ° 13 -121.593708 ° -121.594270 °
14	2.27	2.27	Earthen Levee	Trim / Thin Trees	LS	М	Trim trees to at least five feet above ground level.	38.168537 ° 38.168537 ° 14 -121.594740 ° -121.594740 °
15	2.49	2.58	Earthen Levee	Trim / Thin Trees	LS	М	Trim trees to at least five feet above ground level.	38.166390 ° 38.165818 ° 15 -121.597448 ° -121.598937 °
16	2.52	2.88	Earthen Levee	Trim / Thin Trees	WS	U	Trim trees to at least five feet above ground level.	38.166187 ° 38.163610 ° 16 -121.597937 ° -121.603793 °
17	2.77	2.77	Earthen Levee	Encroachments	LS	M	Tree or limb	38.164408 ° 38.164408 ° Y 17 -121.601908 ° -121.601908 °
18	2.92	3.16	Earthen Levee	Vegetation	WS	U	Remove the wild growth other than native grasses from the levee slopes.	38.163388 ° 38.162700 ° 18 -121.604462 ° -121.608633 °
19	3.17	3.17	Earthen Levee	Trim / Thin Trees	WS	М	Trim trees over roadway to at least 12 feet above ground level.	38.162675 ° 38.162675 ° 19 -121.608790 ° -121.608790 °

* Location LS : Land Side WS : Water Side CR : Crown

** Rating

A : Acceptable M : Minimally Acceptable U : Unacceptable PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected

Levee Inspection Report By Mile - Spring 2008

Brannan Andrus Levee Maintenance District

Waterway	Bank	Unit Miles	Inspection Date	Inspector
Unit No. 02 Sacramento River	Left	13.30	03/13/2008	Richard Willoughby

Start End	gitude 글	GPS Latitude	. Ra			Mile	Levee	LMR			
Levee Trim / Thin Thin Trim / Trim Trim /	igitude Photo	Start	on/Comment	Ac	Rating	Location *	Item	Category	End	Start	Line
Leve			ther than native grasses from the	_	U	WS	Vegetation		3.43	3.39	20
Leve Trees			eet above ground level.	Trim trees to at least five	M	WS			3.50	3.50	21
Levee Trees			eet above ground level.	Trim trees to at least five	М	LS			3.60	3.53	22
Leve Trees			eet above ground level.	Trim trees to at least five	М	WS			3.57	3.57	23
Levee Trees to flood fight. -121.619233 ° -121.620			feet above ground level.	Trim trees to at least five	М	WS			3.70	3.64	24
Levee Trees 121.619310 ° -121.620 121.619310 ° -121.620 121.622780 ° -121.622 121.622780 ° -121.622 121.622780 ° -121.622 121.622780 ° -121.622 121.622780 ° -121.622 121.622780 ° -121.622 121.622780 ° -121.622 121.622780 ° -121.622 121.622555 ° -121.6225 121.622555 ° -121.6225 121.622555 ° -121.6225 121.622555 ° -121.6225 121.622555 ° -121.62555 °			w visibility of the ground and room		U	WS			3.84	3.74	25
Levee Leve			eet above ground level.	Trim trees to at least five	М	LS			3.79	3.75	26
Levee Trees 121.625355 ° -121.626			ther than native grasses from the		U	LS	Vegetation		3.95	3.95	27
Levee Trees			feet above ground level.	Trim trees to at least five	М	WS			4.15	4.10	28
Levee Trees Trim / Thin LS M Trim trees to at least five feet above ground level. 38.168315 ° 38.168			feet above ground level.	Trim trees to at least five	M	WS			4.62	4.49	29
Levee Trees -121.635722 °-121.635 32 4.72 4.95 Earthen Levee Vegetation WS M Remove the wild growth other than native grasses from the levee slopes. 33 5.01 5.09 Earthen Trim / Thin Levee Trees 34 5.31 5.47 Earthen Levee Vegetation Levee Slopes. 35 5.66 5.70 Earthen Levee Vegetation Levee Vegetation Levee Slopes. 36 5.68 5.71 Earthen Levee Trim / Thin Levee Trim / Thin Levee Slopes. 38 168342 ° 38.168 38.169610 ° 38.170 38.169610 ° 38.170 38.171950 ° 38.171 38 171950 ° 38.171 38 171950 ° 38.171 38 171950 ° 38.171 39 17 18 18 18 18 18 18 18 18 18 18 18 18 18			feet above ground level.	Trim trees to at least five	М	LS			4.60	4.60	30
Levee Leve			eet above ground level.	Trim trees to at least five	М	LS			4.72	4.72	31
Levee Trees -121.640752 ° -121.642 34 5.31 5.47 Earthen Levee WS U Remove the wild growth other than native grasses from the Levee slopes. 35 5.66 5.70 Earthen Levee WS U Remove the wild growth other than native grasses from the Levee slopes. 38.171950 ° 38.171 121.645140 ° -121.645140 ° -121.648 38.172262 ° 38.172 121.651447 ° -121.651447 ° -121.652 36 5.68 5.71 Earthen Levee Trim / Thin Levee Trees 38.172388 ° 38.172 121.651892 ° -121.651892 ° -121.652	69318 ° 3		ther than native grasses from the		М	WS	Vegetation		4.95	4.72	32
Levee levee slopes121.645140 ° -121.648 35 5.66 5.70 Earthen Levee WS U Remove the wild growth other than native grasses from the levee slopes121.651447 ° -121.652 36 5.68 5.71 Earthen Trim / Thin Levee Trees LS M Trim trees to at least five feet above ground level121.651892 ° -121.652			eet above ground level.	Trim trees to at least five	М	LS			5.09	5.01	33
Levee levee slopes121.651447 ° -121.652 36 5.68 5.71 Earthen Trim / Thin LS M Trim trees to at least five feet above ground level. 38.172388 ° 38.172 Levee Trees -121.651892 ° -121.652	71828 ° 3 48013 °		ther than native grasses from the	_	U	WS	Vegetation		5.47	5.31	34
Levee Trees -121.651892 ° -121.652			ther than native grasses from the	•	U	WS	Vegetation		5.70	5.66	35
			feet above ground level.	Trim trees to at least five	M	LS			5.71	5.68	36
37 5.76 5.78 Earthen Trim / Thin LS U Trim trees to at least five feet above ground level. 38.172748 ° 38.172 Levee Trees -121.653137 ° -121.653			feet above ground level.	Trim trees to at least five	U	LS	Trim / Thin Trees		5.78	5.76	37
38 5.82 6.15 Earthen Vegetation LS U Remove the wild growth other than native grasses from the Levee levee slopes. 38.173055 ° 38.174 levee slopes. 38.173055 ° 38.174			ther than native grasses from the	_	U	LS	Vegetation		6.15	5.82	38

* Location LS : Land Side

US : Land Side WS : Water Side CR : Crown ** Rating

A : Acceptable M : Minimally Acceptable U : Unacceptable PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected

Levee Inspection Report By Mile - Spring 2008

Waterway	Bank	Unit Miles	Inspection Date	Inspector
Unit No. 02 Sacramento River	Left	13.30	03/13/2008	Richard Willoughby

Z	GPS Latitude/Longi					GPS Latitude/Longitude -	0 -		
R Line	Start	End	Category	Item	Location *	Rating	Action/Comment	Start End	Issue
39	6.05	6.08	Earthen Levee	Vegetation	WS	U	Remove the wild growth other than native grasses from the levee slopes.	38.174548 ° 38.174697 ° -121.6585002 ° -121.658595 °	39
40	6.39	6.41	Earthen Levee	Trim / Thin Trees	LS	М	Trim trees to at least five feet above ground level.	38.173383 ° 38.173218 ° -121.663960 ° -121.664275 °	40
41	6.80	6.84	Earthen Levee	Trim / Thin Trees	WS	М	Trim trees to at least five feet above ground level.	38.169308 ° 38.168752 ° -121.669295 ° -121.669513 °	41
42	6.82	6.82	Earthen Levee	Encroachments	LS	СО	Fences	38.169008 ° 38.169008 ° \ -121.669420 ° -121.669420 °	Y 42
43	7.37	7.42	Earthen Levee	Vegetation	WS	U	Remove the wild growth other than native grasses from the levee slopes.	38.161708 ° 38.161020 ° -121.673007 ° -121.673453 °	43
44	8.35	8.42	Earthen Levee	Trim / Thin Trees	WS	М	Trim trees to at least five feet above ground level.	38.150045 ° 38.149128 ° -121.682373 ° -121.682503 °	45
45	8.35	8.71	Earthen Levee	Trim / Thin Trees	LS	U	Trim trees to at least five feet above ground level.	38.150112 ° 38.144977 ° -121.682305 ° -121.683345 °	44
46	9.19	9.21	Earthen Levee	Vegetation	WS	М	Remove the wild growth other than native grasses from the levee slopes.	38.138400 ° 38.138183 ° -121.686252 °	46
47	9.28	9.36	Earthen Levee	Vegetation	WS	М	Remove the wild growth other than native grasses from the levee slopes.	38.137168 ° 38.135978 ° -121.686335 ° -121.686200 °	47
48	9.63	9.74	Earthen Levee	Vegetation	WS	U	Remove the wild growth other than native grasses from the levee slopes.	38.132120 ° 38.130547 ° -121.686212 ° -121.686700 °	48

Levee Inspection Report By Mile - Spring 2008

Brannan Andrus Levee Maintenance District

Waterway	Bank	Unit Miles	Inspection Date	Inspector
Unit No. 02 Sacramento River	Left	13.30	03/13/2008	Richard Willoughby

		Unit No. 02 Saci	ramento River	Leπ	13.30	03/13/2008	Willo
Levee Mile Repo	ort Line	8		= 577	-		
Start Leve	ee Mile	0.81				4.5	
End Leve	ee Mile	0.83					-
L	ocation					No.	
Ca	ategory	Earthen Levee					
	Item	Encroachments		A Vac			
Landscaping on la slope from LM .81	andside I to 0.83	slope blocking view of 3					
Levee Mile Repo				1 1 4	1		no
Start Leve				1/1			
End Leve							
	ocation					San Gallery	4
Ca		Earthen Levee	2- (A.10-16) Z	-	1		(1) . F
	Item	Encroachments				1	
Landscaping on la slope from LM 1.9	andside 91 to 1.9	slope blocking view of 95			7 ₂		

Category Earthen Levee Item Encroachments



Tree limbs at landside slope at LM 2.77

Levee Mile Report Line 17 Start Levee Mile 2.77 End Levee Mile 2.77 Location

Location LS : Land Side WS : Water Side CR : Crown

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected

Levee Inspection Report By Mile - Spring 2008

Waterway	Bank	Unit Miles	Inspection Date	Inspector
Unit No. 02 Sacramento River	Left	13.30	03/13/2008	Richard Willoughby

Levee Mile Report Line	42					
Start Levee Mile	6.82					
End Levee Mile	6.82					
Location						
Category	Earthen Levee					
Item	Encroachments					
Brick wall on landside shoulder at LM 6.82						

